

Work Order ID 164034

Tuesday, July 11, 2017 1:22:59 PM

164034

Page 1

Item ID: D4272-012

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017 Start Qty: 1.00

1

Cust Item ID:

Required Date: 7/19/2017 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date: **JUL 11 2017**

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4272	D								
100	Pick Kit	0.00							
100									
Packaging	Memo	0.00							
Packaging									
110	Assemble as per dwg	0.00							
110									
HandFinish	Memo	1.44							
Hand Finishing	TRANSFER DRILL FROM PLACARD INTO BASKET AS PER DWG ON SHEET 2								
	RIVET PLACARD AS PER DWG ON SHEET 2								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.02							
Quality Control									

DAS
9-89

AUG 03 2017

DAS
43
9-89

AUG 03 2017

DAS
38
9-89

AUG 04 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

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164034

Page 2

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 7/17/2017 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 7/19/2017 **Req'd Qty:** 1.00 *** 1 ***

Customer:

Reference:

Approvals: _____ **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NB1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

**Accept
Qty**

Reject
QtyReject
Number

**Insp.
Stamp**

130

Identify as per dwg & Stock Location:_____

0.00

130

Memo

0.01

Packaging

Packaging

**DAS
28
9-89**

AUG 04 2017

140

QC21- Final Inspection - Work Order Release

0.00

140

Memo

0.10

QC

Quality Control

∴ 17/8/99

 AUG 04 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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OTHER : ☐					

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164034

D4272-012

Required Qty: 1.00

IPP Rev:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
97447A010 *97447A010* Blind Rivet		Purchased	No			100	Each	104.0000	4	4			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST589				104					
				m131311				104					
AN3-16A *AN3-16A* Bolt		Purchased	No			100	Each	81.0000	2	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				37					
				117441				37					
				ST348				44					
				M137699				44					
D3914-041 *D3914-041* Long Basket Lid Assembly (350)		Manufactured	No			100	Each	0.0000	1	1			
D4273-042 *D4273-042* Basket Base Assembly, RH		Manufactured	No			100	Each	0.0000	1	1			
D4307-250 *D4307-250* Placard, Max Load		Manufactured	No			100	Each	6.0000	1	1			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST091				6					
				151619				6					

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

D2530

Manufactured No

100

Each

24.0000

1

1

D2530

Handle Weldment

**

AUG 03 2017

DAS
6

Location

Loc Qty

Loc Code

ST379

24

158819

6

159774

8

160709

10

D2535

Manufactured No

100

Each

63.0000

2

2

D2535

Spring

**

AUG 03 2017

DAS
6

Location

Loc Qty

Loc Code

ST008

63

158095

13

160128

25

162926

25

D2537

Manufactured No

100

Each

45.0000

2

2

D2537

Bushing

**

AUG 03 2017

DAS
6

Location

Loc Qty

Loc Code

ST008

45

161757

45

D2690-6

Manufactured No

100

Each

30.0000

2

2

D2690-6

Lanyard

**

AUG 03 2017

DAS
6

Location

Loc Qty

Loc Code

ST009

30

159568

12

162919

18

164119

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Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Picklist Print

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

D2931 Manufactured No

100 Each 1,278.000 2 2

D2931

Bumper

**

AUG 03 2017

DAS

6
9-89

Location

Loc Qty

Loc Code

ST013

178

86435

178

ST025A

1100

86435

1100

D3912-041 Manufactured No

100 Each 4.0000 1 1

D3912-041

Eyebolt Receiver Assembly

**

B163866 (12) Ill 12/08/07

Location

Loc Qty

Loc Code

ST055

4

161825

4

D3917-3 Manufactured No

100 Each 88.0000 6 6

D3917-3

Washer

**

AUG 03 2017

DAS

6
9-89

Location

Loc Qty

Loc Code

ST056

88

161304

86

162882

2

D3953-3 Manufactured No

100 Each 69.0000 2 2

D3953-3

Gas Spring Stud, Lid

**

AUG 03 2017

DAS

6
9-89

Location

Loc Qty

Loc Code

ST060

9

158669

9

ST60A

60

160625

60

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Date : _____		Step # : _____		QTY Effective : _____			MRB (QS1042) Approval		
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
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Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
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Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
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Picklist Print

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Work Order ID: 164034

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Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-7 Manufactured No

100 Each 45.0000 2 2

D3953-7

Spring Spacer

**

AUG 03 2017

Location

Loc Qty

Loc Code

ST060

19

154160

19

ST064A

26

155761

26

D3953-9 Manufactured No

100 Each 64.0000 2 2

D3953-9

Gas Spring Washer

**

AUG 03 2017

Location

Loc Qty

Loc Code

ST060

64

158715

17

161969

47

D3953-17 Manufactured No

100 Each 26.0000 2 2

D3953-17

Gas Spring Spacer

**

AUG 03 2017

Location

Loc Qty

Loc Code

ST060

26

159089

11

162871

15

D3953-19 Manufactured No

100 Each 35.0000 1 1

D3953-19

Gas Spring Bracket

**

AUG 03 2017

Location

Loc Qty

Loc Code

ST060

24

159087

20

162869

4

ST064A

11

163704

11

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Page 5

Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

D3953-21 Manufactured No

100 Each 21.0000 1 1

D3953-21

Gas Spring Bracket

**

DAS
6

AUG 03 2017

9-89

LocationLoc QtyLoc Code

ST061

21

159096

9

161927

12

D3969-3 Manufactured No

100 Each 21.0000 1 1

D3969-3

Spring (Basket Lid)

**

DAS
6

AUG 03 2017

9-89

LocationLoc QtyLoc Code

ST364

21

160156

7

161502

14

D4021-5 Manufactured No

100 Each 11.0000 1 1

D4021-5

Blanking Plate

**

DAS
6

AUG 03 2017

9-89

LocationLoc QtyLoc Code

ST068

11

161816

11

D4150-041 Manufactured No

100 Each 12.0000 1 1

D4150-041

Attachment Arm Assembly

**

DAS
6

AUG 03 2017

9-89

LocationLoc QtyLoc Code

ST087

8

159781

8

ST090A

4

161919

4

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Page 5

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date : _____		Step #: _____		QTY Effective : _____				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____			
Root Cause		FAULT CATEGORY									
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐						
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐						
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐						
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐						
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐						
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐						
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐						
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐						
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐						
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐						
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____									
Misidentified ☐	Past Due ☐										

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Page 6

Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

D4151-041 Manufactured No

100 Each 13.0000 1 1

D4151-041

Basket Fwd Hardpoint Assembly, Lower

**

DAS
6
9-89

AUG 03 2017

Location

Loc Qty

Loc Code

ST088

5

159508

5

ST090A

8

159524

4

161846

4

D4151-043 Manufactured No

100 Each 14.0000 1 1

D4151-043

Basket Fwd Hardpoint Assembly, Upper

**

DAS
6
9-89

AUG 03 2017

Location

Loc Qty

Loc Code

ST088

2

159536

2

ST090A

12

159788

8

162019

4

AN3-10A Purchased No

100 Each 86.0000 3 3

AN3-10A

Bolt

**

DAS
6
9-89

AUG 03 2017

Location

Loc Qty

Loc Code

GA

39

m136787

39

ST349

47

m137321

4

m137544

43

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

AN3-14A Purchased No

100 Each 77.0000 4 4

AN3-14A

Bolt

**

AUG 03 2017

DAS
6
9-80

Location

Loc Qty

Loc Code

ST349

77

m137075

77

4

AN4-12 Purchased No

100 Each 68.0000 3 3

AN4-12

Bolt

**

AUG 03 2017

DAS
6
9-80

Location

Loc Qty

Loc Code

over003

40

m136199

40

ST334

28

m137659

28

3

AN4-13A Purchased No

100 Each 489.0000 6 6

AN4-13A

Bolt

**

AUG 03 2017

DAS
6
9-80

Location

Loc Qty

Loc Code

FG

20

122808

20

GA

68

m134634

19

m135470

49

over003

200

m137988

200

ST344

201

m137544

2

m137886

199

6

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td style="border: none;"></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																						
Large Fab ☐	Composite ☐	Supplier ☐																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition				Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐		Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐		Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																	
OTHER : ☐																									

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

AN4C15 Purchased No 100 Each 42.0000 1 1

AN4C15

Bolt

**

AUG 03 2017

DAS
6
9-89

Location Loc Qty Loc Code

OVER002 25
M137736 25
ST343 17
M137506 17

AN5-17A Purchased No 100 Each 130.0000 4 4

AN5-17A

Bolt

**

AUG 03 2017

DAS
6
9-89

Location Loc Qty Loc Code

GA 20
117872 20
over003 75
m137710 75
ST337 35
m137412 35

AN310-4 Purchased No 100 Each 81.0000 3 3

AN310-4

Nut

**

AUG 03 2017

DAS
6
9-89

Location Loc Qty Loc Code

GA 25
M127815 25
ST331 56
M137361 6
M137735 50

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

Picklist Print

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

AN310C4

Purchased

No

100

Each

45.0000

3

3

AN310C4

Nut

**

AUG 03 2017

DAS
6
1.89

Location

Loc Qty

Loc Code

ST331

45

M135895

1

M137361

29

M137412

15

MS20600-AD4W3

Purchased

No

100

Each

416.0000

2

2

MS20600-AD4W3

Cherry Rivet

**

AUG 03 2017

DAS
6
1.89

Location

Loc Qty

Loc Code

ST308

84

m135603

84

WA003

332

m136648

32

m137412

300

MS21042L3

Purchased

No

100

Each

1,768.000

9

9

MS21042L3

Nut

**

AUG 03 2017

DAS
6
9.89

Location

Loc Qty

Loc Code

FP001

79

m135945

79

GA

394

m134360

102

M136665

292

OVER007

500

m137988

500

ST303

795

m137680

295

m137886

500

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DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																						
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Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition																					
								Completed By																	
								Lead hand / Supervisor Approval Verification																	
								QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐																			

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

100

Each

2,642.000

6

6

MS21042L 4

Nut

**

AUG 03 2017

DAS
6
28

Location

Loc Qty

Loc Code

FP001 10

m133363 10

GA 51

m135058 51

OVER007 2000

m137680 1000

m137988 1000

ST303 581

m137402 400

m137544 181

MS21042L5

Purchased

No

100

Each

709.0000

4

4

MS21042L 5

Nut

**

AUG 03 2017

DAS
6
28

Location

Loc Qty

Loc Code

GA 12

m127813 12

OVER007 200

m137963 200

ST303 497

m137478 4

m137587 493

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Shop Packet Print

Page 10

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																																																																
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OTHER : ☐																																																																				

Picklist Print

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Page 11

Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

MS24665-151

Purchased

No

100

Each

85.0000

4

4

MS24665-151

Cotter Pin

**

AUG 03 2017

DAS

6

9-89

LocationLoc QtyLoc Code

GA

60

m128401

60

ST289

25

m137391

25

138045

MS24665-300

Purchased

No

100

Each

92.0000

2

2

MS24665-300

COTTER PIN

**

AUG 03 2017

DAS

6

9-89

LocationLoc QtyLoc Code

GA

28

118234

28

ST288

64

m137391

64

2

NAS1149DN832J

Purchased

No

100

Each

2,356.000

2

2

NAS1149DN832J

Washer

**

AUG 03 2017

DAS

6

9-89

LocationLoc QtyLoc Code

ST260a

2000

M137587

2000

ST264

356

M135297

356

2

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Page 11

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

Picklist Print

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Page 12

Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

100

Each

2,142.000

14

14

NAS1149F0332P

Washer

**

AUG 03 2017

DAS 6

Location

Loc Qty

Loc Code

GA

275

m133709

275

ST262

1867

m137710

1867

14

NAS1149C0432R

Purchased

No

100

Each

1,153.000

2

2

NAS1149C0432R

WASHER

**

AUG 03 2017

DAS 6
9-89

Location

Loc Qty

Loc Code

GA

341

m134676

341

ST266

812

m137459

812

2

NAS1149F0432P

Purchased

No

100

Each

1,039.000

18

18

NAS1149F0432P

WASHER

**

AUG 03 2017

DAS 6
9-89

Location

Loc Qty

Loc Code

ST260a

1000

M137412

1000

ST262

39

M137361

39

18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : ☐			

Picklist Print

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

NAS1149C0463R

Purchased

No

100

Each

300.0000

3

3

NAS1149C0463R

**

Washer

Location

Loc Qty

Loc Code

FP001

25

m127306

25

ST260a

200

m137736

200

ST266

75

m136263

75

NAS1149F0563P

Purchased

No

100

Each

94.0000

4

4

NAS1149F0563P

**

Washer

Location

Loc Qty

Loc Code

ST262

94

m136983

94

NAS1515H4L

Purchased

No

100

Each

208.0000

2

2

***NAS1515H4L ***

**

Washer

Location

Loc Qty

Loc Code

FG

23

103691

3

m132189

20

ST260

97

m133483

97

ST260a

88

m134376

88

AUG 03 2017
DAS
6
9-89

3
DAS
6
9-89

AUG 03 2017

4
DAS
6
9-89

AUG 03 2017

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Shop Packet Print

Page 13

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Work Order ID: 164034

164034

Parent Item: D4272-012

D4272-012

Parent Item Name: Basket Assembly, Heavy Duty Lid, RH

Start Date: 7/17/2017

Required Date: 7/19/2017

Start Qty: 1.00

Required Qty: 1.00

MS17984-C413

Purchased

No

100

Each

25.0000

2

2

MS17984-C413

DAS

Quick Release Pin

6

AUG 03 2017

Location

Loc Qty

Loc Code

ST315

25

m137478

22

m137587

3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

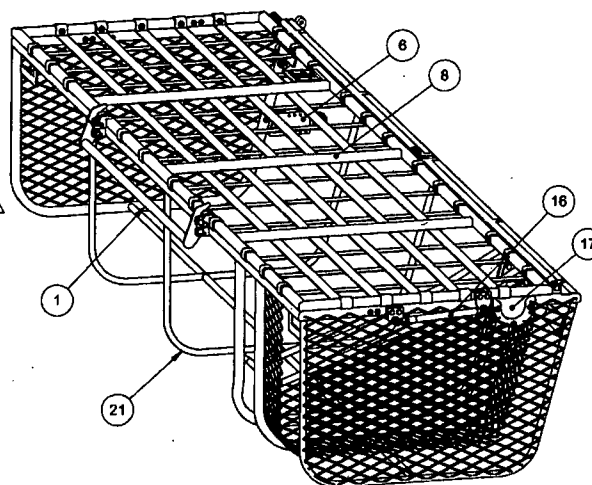
Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	PART NUMBER	DESCRIPTION
					D4272-011	BASKET ASSY, HEAVY DUTY LID, LH
					D4272-012	BASKET ASSY, HEAVY DUTY LID, RH
					D4272-013	BASKET ASSY, LIGHTWEIGHT LID, LH
					D4272-014	BASKET ASSY, LIGHTWEIGHT LID, RH
1	1	1	1	1	D2530	HANDLE WELDMENT
2	2	2	2	2	D2535	SPRING
3	2	2	2	2	D2537	BUSHING
4	2	2	2	2	D2690-6	LANYARD
5	2	2	2	2	D2931	BUMPER
6	1	1	1	1	D3912-041	EYEBOLT RECEIVER ASSY
7	1	1	1	1	D3914-041	BASKET LID ASSY
8				1	D3915-041	LIGHT LID ASSY
9	6	6	6	6	D3917-3	WASHER
10	2	2	2	2	D3953-3	GAS SPRING STUD, LID
11	2	2	2	2	D3953-7	GAS SPRING SPACER
12	2	2	2	2	D3953-9	GAS SPRING WASHER
13	2	2	2	2	D3953-17	GAS SPRING SPACER
14	1	1	1	1	D3953-19	GAS SPRING BRACKET
15	1	1	1	1	D3953-21	GAS SPRING BRACKET
16	1	1	1	1	D3969-3	GAS SPRING
17	1	1	1	1	D4021-5	BLANKING PLATE
18	1	1	1	1	D4150-041	ATTACHMENT ARM ASSY
19	1	1	1	1	D4151-041	BASKET HARDPOINT ASSY (LOWER)
20	1	1	1	1	D4151-043	BASKET HARDPOINT ASSY (UPPER)
21	1				D4273-041	BASKET BASE ASSY, LH
22		1			D4273-042	BASKET BASE ASSY, RH
23	1	1			D4307-250	PLACARD, MAX LOAD
24				1	D4307-265	PLACARD, MAX LOAD
25	3	3	3	3	AN3-10A	BOLT
26	4	4	4	4	AN3-14A	BOLT
27	2	2			AN3-18A	BOLT
28			2	2	AN3-20A	BOLT
29	3	3	3	3	AN4-12	BOLT
30	6	6	6	6	AN4-13A	BOLT
31	1	1	1	1	AN4C15	BOLT
32	4	4	2	2	AN5-17A	BOLT
33			2	2	AN5-21A	BOLT
34	3	3	3	3	AN310-4	NUT, CASTELLATED
35	3	3	3	3	AN310C4	NUT, CASTELLATED
36	2	2	2	2	MS17984-C413	QUICK RELEASE PIN
37	2	2	2	2	MS20800AD4W3	RMET
38	9	9	9	9	MS21042L3	NUT
39	6	6	6	6	MS21042L4	NUT
40	4	4	4	4	MS21042L5	NUT
41	4	4	4	4	MS24665-151	COTTER PIN
42	2	2	2	2	MS24665-300	COTTER PIN
43	2	2	2	2	NAS1149DN832J	WASHER (ALT: AN890JD8)
44	14	14	14	14	NAS1149F0332P	WASHER
45	2	2	2	2	NAS1149C0432R	WASHER
46	18	18	18	18	NAS1149F0432P	WASHER
47	3	3	3	3	NAS1149C0463R	WASHER
48	4	4	4	4	NAS1149F0563P	WASHER
50	4	4	4	4	97447A010	BLIND RMET, PAN HEAD

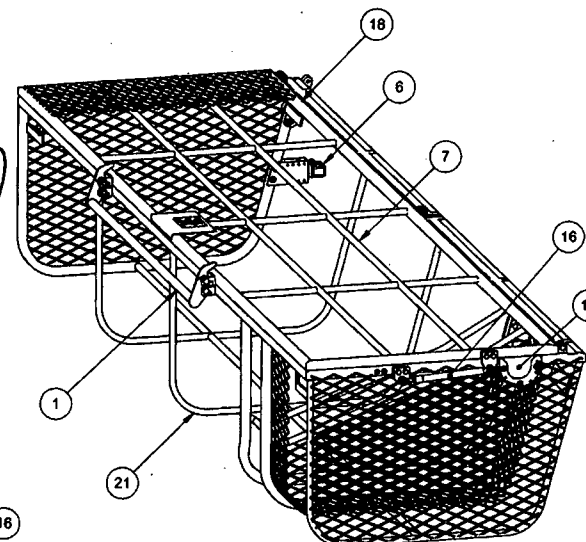
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: -011/-012: 73 lbs APPROX
-013/-014: 58 lbs APPROX

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WITHOUT NOTICE
WORK ORDER NO. 16403 Y
JUL 11 2017



D4272-013 BASKET ASSY, LIGHTWEIGHT LID, LH (SHOWN)
D4272-014 BASKET ASSY, LIGHTWEIGHT LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)

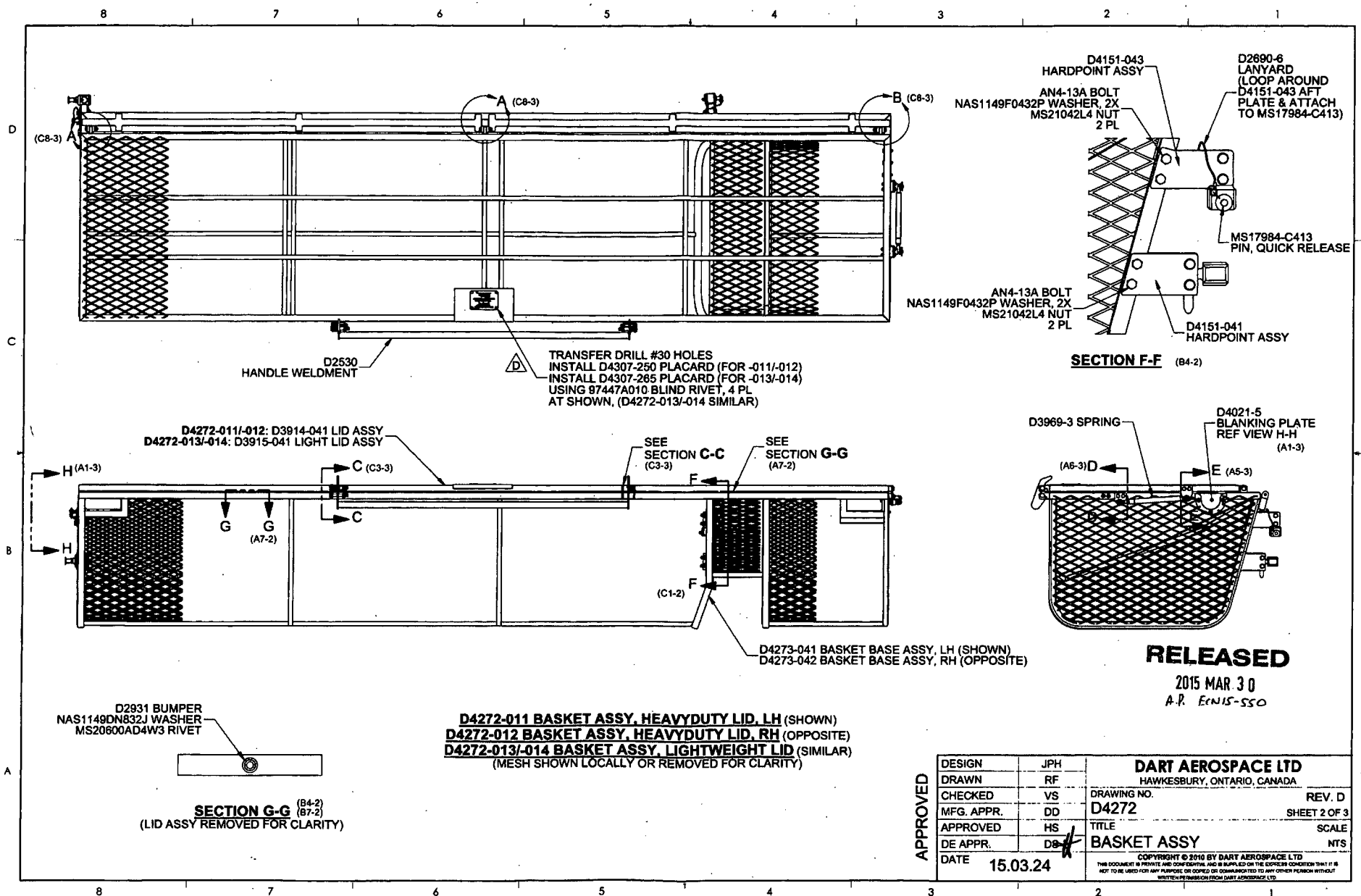


D4272-011 BASKET ASSY, HEAVY DUTY LID, LH (SHOWN)
D4272-012 BASKET ASSY, HEAVY DUTY LID, RH (OPPOSITE)
(MESH SHOWN LOCALLY FOR CLARITY)

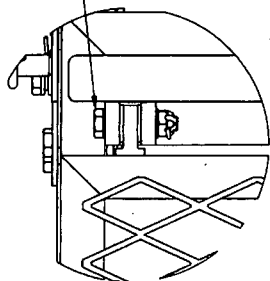
RELEASED

2015 MAR 30
A.R. ENNIS-SSO

D	ADDED D4307-250-265 & 97447A010 (ZN C6-1, A6-1, C5-2)		RF	15.03.24
C	UPDATED D4273-0411-042 BASKET BOUNT ASSY; CHANGED LOCATION OF GAS SPRING MOUNTING BRACKET; UPDATED SECTION C-F		SC	10.12.23
B	RMV ITEM 23.25 (WEDGE); ITEM 38 QTY=2; ITEM 44 QTY (-4) (BB-1); RMV D2537 FROM SECTION C-C (TYPO, D3-3)		CP	10.11.30
A	NEW ISSUE		SC	10.11.25
REV.	DESCRIPTION		BY	DATE
DESIGN	JPH	DART AEROSPACE LTD		
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA		
CHECKED	VS	DRAWING NO.	REV. D	
MFG. APPR.	DD	D4272	SHEET 1 OF 3	
APPROVED	HS	TITLE	SCALE	
DE APPR.	DS	BASKET ASSY	NTS	
DATE	15.03.24		COPYRIGHT © 2010 BY DART AEROSPACE LTD	
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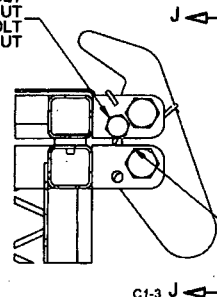


AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN



DETAIL A (D8-2)
(D8-2)

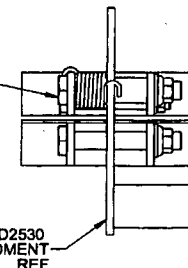
D4272-011/-012: AN3-16A BOLT
MS21042L3 NUT
D4272-013/-014: AN3-20A BOLT
MS21042L3 NUT



SECTION C-C (B5-2)
(B7-2)

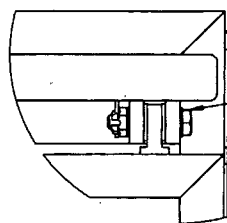
D4272-011/-012: AN5-17A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT

D4272-013/-014: AN5-21A BOLT
D2537 BUSHING
D2535 SPRING
NAS1149F0563P WASHER
MS21042L5 NUT



VIEW J-J C3-3

AN4-12 BOLT
D3917-3 WASHER, 2X
NAS1149F0432P WASHER, 2X
AN310-4 NUT, CASTELLATED
MS24665-151 COTTER PIN

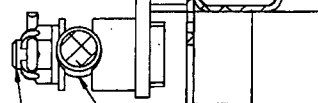


DETAIL B (D3-2)

D3953-17 GAS SPRING SPACER

D3953-21 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION D-D (B2-2)

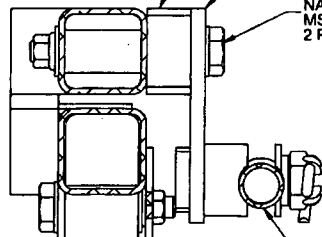
D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

D3953-17 GAS SPRING SPACER

D3953-19 GAS SPRING BRACKET

AN3-14A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
2 PL



SECTION E-E (B1-2)

D3953-3 GAS SPRING STUD, LID
D3953-7 GAS SPRING SPACER
D3953-9 GAS SPRING SPACER
NAS1149C0432R WASHER
AN310C4 NUT, CASTELLATED
MS24665-300 COTTER PIN

D3969-3 SPRING
REF

MS17984-C413
PIN, QUICK RELEASE

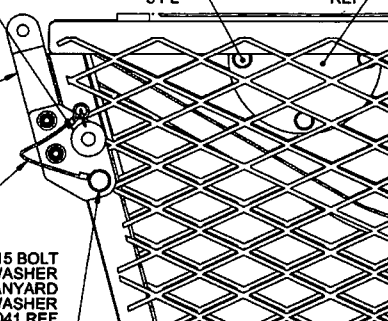
D4150-041
ARM ASSY

D2690-6
LANYARD
(ATTACH TO
MS17984-C413)

AN4C15 BOLT
NAS1149C0463R WASHER
D2690-6 LANYARD
NAS1149C0463R WASHER
D4150-041 REF
NAS1515H4L WASHER
BASKET BASE, REF
NAS1515H4L WASHER
D4150-041 REF
NAS1149C0463R WASHER
AN310C4 CASTELLATED NUT
MS24665-151 COTTER PIN

AN3-10A BOLT
NAS1149F0332P WASHER, 2X
MS21042L3 NUT
3 PL

D4021-5
BLANKING PLATE
REF



RELEASED

2015 MAR 30
A.P. E.C.N 15-550

VIEW H-H (B8-2)

APPROVED

DESIGN	JPH
DRAWN	RF
CHECKED	VS
MFG. APPR.	DD
APPROVED	HS
DE APPR.	DS
DATE	15.03.24

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4272	REV. D SHEET 3 OF 3
TITLE BASKET ASSY	SCALE NTS
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